

Application No. 10/075,442

Amendment dated August 26, 2003

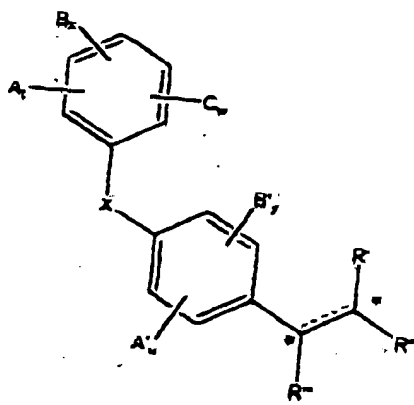
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Amendments to the Claims:

The following claims will replace all prior versions of the claims in this application (in the unlikely event that no claims follow herein, the previously pending claims will remain):

1-24. (Cancelled).

25. (Currently amended) A compound of the formula II:



wherein stereocenters * are R or S;

dotted lines indicate that a double bond ~~may be present or is absent~~, and the double bond geometry may be E or Z;

A, A', and C are independently H, ~~C₁-C₂₀ acylamino, C₁-C₂₀ acyloxy, C₁-C₂₀ alkoxy carbonyl, C₁-C₂₀ alkoxy, C₁-C₂₀ linear or branched alkylamino, C₁-C₂₀ alkyl carboxylamino, C₁-C₂₀ carbalkoxy, carboxyl, cyano, bromo, chloro, fluoro, or hydroxy~~; and t, u, and w are independently integers from 0 to 3;

B and B' are independently H, ~~C₁-C₂₀ acylamino, C₁-C₂₀ acyloxy, C₁-C₂₀ alkanoyl, C₁-C₂₀ alkenoyl, C₁-C₂₀ alkenyl, C₁-C₂₀ alkoxy carbonyl, C₁-C₂₀ linear or branched alkoxy, C₁-C₂₀ linear or branched alkylamino, C₁-C₂₀ alkyl carboxylamino, C₁-C₂₀ carbalkoxy, C₆-C₂₀ aroyl, C₆-C₂₀ aralkanoyl, carboxyl, cyano, bromo, chloro, fluoro, or hydroxy~~; and x and y are independently integers from 0 to 3;

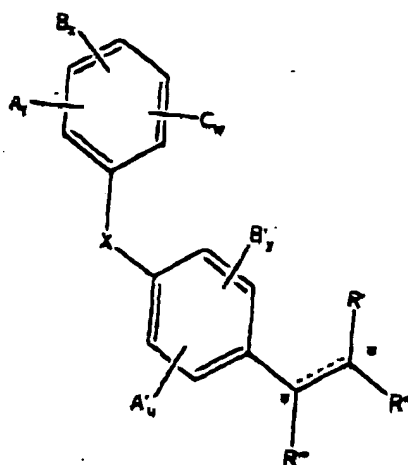
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R' , R'' , and R''' are independently H or C_1-C_{20} linear or branched alkyl or alkenyl groups which may contain substituents, $COOH$, C_1-C_{20} alkoxycarbonyl, NH_2 , $CONH_2$, C_1-C_{20} acylamino, OH , C_1-C_{20} alkoxy, halo or cyano; and
 $X=NH$, O , S , $S=O$, or SO_2 .

26. (Currently amended) A pharmaceutical composition containing a blood glucose lowering effective amount of a compound of the formula II in a pharmaceutically acceptable carrier.



wherein stereocenters * are R or S;

dotted lines indicate that a double bond may be present or is absent, and the double bond geometry may be E or Z;

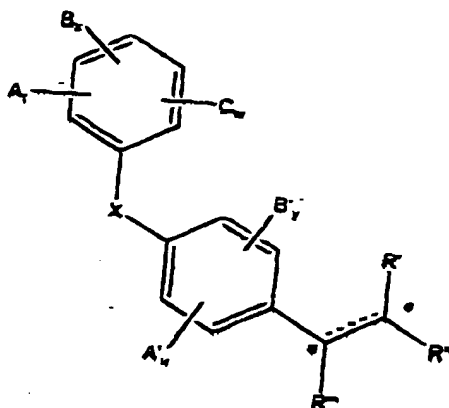
A, A', and C are independently H, C_1-C_{20} acylamino, C_1-C_{20} acyloxy, C_1-C_{20} alkoxycarbonyl, C_1-C_{20} alkoxy, C_1-C_{20} linear or branched alkylamino, C_1-C_{20} alkylcarboxylamino, C_1-C_{20} carbalkoxy, carboxyl, cyano, bromo, chloro, fluoro, or hydroxy; and t, u, and w are independently integers from 0 to 3;

B and B' are independently H, C_1-C_{20} acylamino, C_1-C_{20} acyloxy, C_1-C_{20} alkenoyl, C_1-C_{20} alkenyl, C_1-C_{20} alkoxycarbonyl, C_1-C_{20} linear or branched alkoxy, C_1-C_{20} linear or branched alkylamino, C_1-C_{20} alkylcarboxylamino, C_1-C_{20} carbalkoxy, C_6-C_{20} aryl, C_6-C_{20} aralkenoyl, carboxyl, cyano, bromo, chloro, fluoro, or hydroxy; and x and y are independently integers from 0 to 3;

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R', R'', and R''' are independently H or ~~C₁-C₂₀ linear or branched alkyl or alkenyl groups which may contain substituents, COOH, C₁-C₂₀ alkoxycarbonyl, NH₂, CONH₂, C₁-C₂₀ acylamino, OH, C₁-C₂₀ alkoxy, halo or cyano, and~~
~~X=NH, O, S, S=O, or SO₂.~~

27. (Currently amended) A method for lowering blood glucose in a subject comprising administering to said subject an effective blood glucose lowering amount of a composition of the formula II.



wherein stereocenters * are R or S;

dotted lines indicate that a double bond ~~may be present or is absent, and the double bond geometry may be E or Z;~~

A, A', and C are independently H, ~~C₁-C₂₀ acylamino, C₁-C₂₀ acyloxy, C₁-C₂₀ alkoxycarbonyl, C₁-C₂₀ alkoxy, C₁-C₂₀ linear or branched alkylamino, C₁-C₂₀ alkylcarboxylamino, C₁-C₂₀ carbalkoxy, carboxyl, cyano, bromo, chloro, fluoro, or hydroxy;~~ and t, u, and w are independently integers from 0 to 3;

B and B' are independently H, ~~C₁-C₂₀ acylamino, C₁-C₂₀ acyloxy, C₁-C₂₀ alkanoyl, C₁-C₂₀ alkenoyl, C₁-C₂₀ alkenyl, C₁-C₂₀ alkoxycarbonyl, C₁-C₂₀ linear or branched alkoxy, C₁-C₂₀ linear or branched alkylamino, C₁-C₂₀ alkylcarboxylamino, C₁-C₂₀ carbalkoxy, C₆-C₂₀ areyl, C₆-C₂₀ aralkanoyl, carboxyl, cyano, bromo, chloro, fluoro, or hydroxy;~~ and x and y are independently integers from 0 to 3;

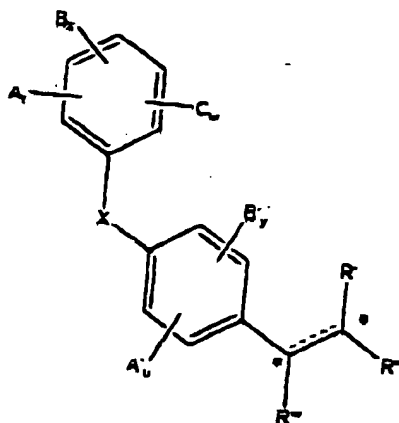
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~~R', R'', and R''' are independently H or C₁-C₂₀ linear or branched alkyl or alkenyl groups which may contain substituents, COOH, C₁-C₂₀ alkoxycarbonyl, NH₂, CONH₂, C₁-C₂₀ acylamino, OH, C₁-C₂₀ alkoxy, halo or cyano; and~~
~~X=NH, O, S, S=O, or SO₂.~~

28-30. (Withdrawn and cancelled).

31-46. (Cancelled).

47. (Currently amended) A pharmaceutical composition containing a serum triglyceride lowering effective amount of a compound of the formula II in a pharmaceutically acceptable carrier



wherein stereocenters * are R or S;

dotted lines indicate that a double bond may be present or is absent, and the double bond geometry may be E or Z;

A, A', and C are independently H, C₁-C₂₀ acylamino, C₁-C₂₀ acyloxy, C₁-C₂₀ alkoxycarbonyl, C₁-C₂₀ alkoxy, C₁-C₂₀ linear or branched alkylamino, C₁-C₂₀ alkylcarboxylamino, C₁-C₂₀ carbalkoxy, carboxyl, cyano, bromo, chloro, fluoro, or hydroxy; and r, u, and w are independently integers from 0 to 3;

B and B' are independently H, C₁-C₂₀ acylamino, C₁-C₂₀ acyloxy, C₁-C₂₀ alkanoyl, C₁-C₂₀ alkenoyl, C₁-C₂₀ alkenyl, C₁-C₂₀ alkoxycarbonyl, C₁-C₂₀ linear or branched alkoxy, C₁-

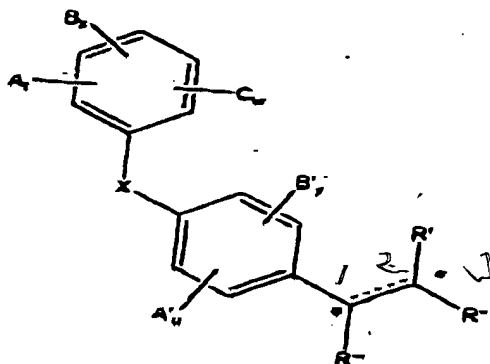
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~~C₂₀-linear or branched alkylamino, C₄-C₂₀ alkylcarboxylamino, C₄-C₂₀ carbalkoxy, C₆-C₂₄ areyl, C₆-C₂₀ aralkanoyl, carboxyl, cyano, bromo, chloro, fluoro, or hydroxy; and x and y are independently integers from 0 to 3;~~

~~R', R'', and R''' are independently H or C₄-C₂₀ linear or branched alkyl or alkonyl groups which may contain substituents, COOH, C₁-C₂₀ alkoxy, carbonyl, NH₂, CONH₂, C₁-C₂₀ acylamino, OH, C₄-C₂₀ alkoxy, halo or cyano; and~~

~~X = NH, O, S, S=O, or SO₂.~~

48. (Currently amended) A method for lowering serum triglyceride in a subject comprising administering to said subject an effective serum triglyceride lowering amount of a composition of the formula II.



wherein stereocenters * R or S;

dotted lines indicate that a double bond may be present or is absent, and the double bond geometry may be E or Z;

A, A', and C are independently H, C₄-C₂₀ acylamino, C₄-C₂₀ acyloxy, C₄-C₂₀ alkoxy, carbonyl, C₄-C₂₀ alkoxy, C₄-C₂₀ linear or branched alkylamino, C₄-C₂₀ alkylcarboxylamino, C₄-C₂₀ carbalkoxy; carboxyl, cyano, bromo, chloro, fluoro, or hydroxy; and t, u, and w are independently integers from 0 to 3;

B and B' are independently H, C₄-C₂₀ acylamino, C₄-C₂₀ acyloxy, C₄-C₂₀ alkanoyl, C₄-C₂₀ alkenoyl, C₄-C₂₀ alkonyl, C₄-C₂₀ alkoxy, carbonyl, C₄-C₂₀ linear or branched alkoxy, C₄-C₂₀ linear or branched alkylamino, C₄-C₂₀ alkylcarboxylamino, C₄-C₂₀ carbalkoxy, C₆-C₂₄

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areoyl, ~~C₆-C₂₀ aralkanoyl, carboxyl, cyano, bromo, chloro, fluoro, or hydroxy~~, and x and y are independently integers from 0 to 3;

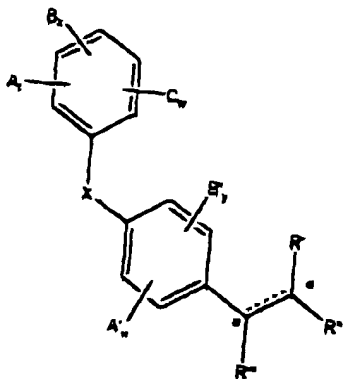
R', R'', and R''' are independently H or ~~C₁-C₂₀ linear or branched alkyl or alkonyl groups which may contain substituents, COOH, C₁-C₂₀ alkoxy, carbonyl, NH₂, CONH₂, C₁-C₂₀ acylamino, OH, C₁-C₂₀ alkoxy, halo or cyano~~; and

X = NH, O, S, S=O, or SO₂.

49-50. (Withdrawn and cancelled).

51-66. (Cancelled).

67. (Currently amended) A pharmaceutical composition containing a blood pressure lowering effective amount of a compound of the formula II in a pharmaceutically acceptable carrier.



wherein stereocenters * are R or S;

dotted lines indicate that a double bond may be present or is absent, and the double bond geometry may be E or Z;

A, A', and C are independently H, ~~C₁-C₂₀ acylamino, C₁-C₂₀ acyloxy, C₁-C₂₀ alkoxy, C₁-C₂₀ alkoxy, C₁-C₂₀ linear or branched alkylamino, C₁-C₂₀ alkylcarboxylamino, C₁-C₂₀ carbalkoxy, carboxyl, cyano, bromo, chloro, fluoro, or hydroxy~~; and t, u, and w are independently integers from 0 to 3;

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~~areyl, C₆-C₂₀ aralkenoyl, carboxyl, cyano, bromo, chloro, fluoro, or hydroxy; and x and y are independently integers from 0 to 3;~~

~~R', R'', and R''' are independently H or C₁-C₂₀ linear or branched alkyl or alkenyl groups which may contain substituents, COOH, C₁-C₂₀ alkoxycarbonyl, NH₂, CONH₂, C₁-C₂₀ acylamino, OH, C₁-C₂₀ alkoxy, halo or cyano; and~~

~~X = NH, O, S, S=O, or SO₂.~~

69-70. (Withdrawn and cancelled).

71. (Cancelled).

72. (New) The compound of claim 25 wherein said alkoxycarbonyl is methoxycarbonyl.

73. (New) The pharmaceutical composition of claim 26 wherein said alkoxycarbonyl is methoxycarbonyl.

74. (New) The method of claim 27 wherein said alkoxycarbonyl is methoxycarbonyl.

75. (New) The pharmaceutical composition of claim 47 wherein said alkoxycarbonyl is methoxycarbonyl.

76. (New) The method of claim 48 wherein said alkoxycarbonyl is methoxycarbonyl.

77. (New) The pharmaceutical composition of claim 67 wherein said alkoxycarbonyl is methoxycarbonyl.

78. (New) The method of claim 68 wherein said alkoxycarbonyl is methoxycarbonyl.